

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for building an extensible project system comprising:
providing a base project object comprising data for creating a project system, wherein the base project object implements a base project configuration object that includes configuration properties for the base project object, the configuration properties comprising at least one of an indication of a build of the project system, an output file to be created, or an indication as to where the output file will be placed;

providing at least one flavor object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor object includes flavor-specific project configuration properties comprising at least one of a caption of a project node, an icon of a project node, a property allowing a project browse object to be completely overridden, a control allowing a project to be renamed, a sort priority control, a property allowing a command to be added, a property allowing a command to be removed, a property allowing a command to be disabled, a filter, a property allowing a default generator given a file extension to be determined, or a property allowing a human-readable generator name to be mapped to a COM object;

signaling by the base project object to the at least one flavor object that the base project configuration object needs to be extended;

creating a flavored project system adapted for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object; and

creating, by the at least one flavor object, a flavored base project configuration object, wherein at least one configuration property for the base project object is modified by a corresponding flavor-specific project configuration property.

2. (Original) The method of claim 1, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said step of creating a flavored project system comprises:

creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and

creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.

3. (Original) The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor object.

4. (Original) The method of claim 3 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor object.

5. (Original) The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor object.

6. (Canceled)

7. (Previously Presented) The method of claim 1, wherein said flavored base project configuration object includes an extender interface, said creation of a project system further comprising:

providing an extender site object associated with said extender interface.

8. (Currently Amended) A system for building an extensible project system comprising:
a process configured to instantiate a base project object comprising data for creating a project system, wherein the base project object implements a base project configuration object that includes configuration properties for the base project object, the configuration properties comprising at least one of an indication of a build of the project system, an output file to be created, or an indication as to where the output file will be placed;

a process configured to instantiate at least one flavor object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor object includes flavor-specific project configuration properties;

a process in the base project object configured to signal the at least one flavor object that the base project configuration object needs to be extended;

a process configured to generate a flavored project system for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object; and

a process in the at least one flavor object configured to generate a flavored base project configuration object, wherein at least one configuration property for the base project object is modified by a corresponding flavor-specific project configuration property.

9. (Original) The system of claim 8, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said aggregator further comprises:

a first aggregator for creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and

a second aggregator for creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.

10. (Original) The system of claim 8 where said aggregator causes at least one interface of said base project to be modified by said flavor object.

11. (Original) The system of claim 10 where said aggregator causes a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor object.

12. (Original) The system of claim 8 where said aggregator causes at least one interface of said base project to be replaced by said flavor object.

13. (Canceled)

14. (Previously Presented) The system of claim 8, wherein said flavored base project configuration object includes an extender interface, said project system further comprising:
an extender site object associated with said extender interface.

15. (Currently Amended) A computer-readable storage medium for building an extensible project system, said computer readable storage medium storing instructions for causing a computer to perform the steps of comprising:

providing a base project object comprising data for creating a project system, wherein the base project object implements a base project configuration object that includes configuration properties for the base project object, the configuration properties comprising at least one of an indication of a build of the project system, an output file to be created, or an indication as to where the output file will be placed;

providing at least one flavor object comprising data for modifying said project system for a specific purpose, wherein the at least one flavor object includes flavor-specific project configuration properties;

signaling by the base project object to the at least one flavor object that the base project configuration object needs to be extended;

creating a flavored project system for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object; and

creating, by the at least one flavor object, a flavored base project configuration object, wherein at least one configuration property for the base project object is modified by a corresponding flavor-specific project configuration property.

16. (Previously Presented) The computer-readable storage medium of claim 15, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said step of creating a flavored project system comprises:

creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and

creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.

17. (Previously Presented) The computer-readable storage medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor object.

18. (Previously Presented) The computer-readable storage medium of claim 17 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor object.

19. (Previously Presented) The computer-readable storage medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor object.

20. (Canceled)

21. (Previously Presented) The computer-readable storage medium of claim 15, wherein said flavored base project configuration object includes an extender interface, said creation of a project system further comprising:

providing an extender site object associated with said extender interface.